

Project Title	Funding	Strategic Plan Objective	Institution
1/3-Sequencing autism spectrum disorder extended pedigrees	\$286,240	Q3.L.B	University of Utah
1/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$817,786	Q3.S.A	Mount Sinai School of Medicine
2/3-Sequencing autism spectrum disorder extended pedigrees	\$222,480	Q3.L.B	University of Washington
2/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$483,807	Q3.S.A	Broad Institute, Inc.
3/3-Sequencing autism spectrum disorder extended pedigrees	\$153,600	Q3.L.B	University of Pennsylvania
3/4 - The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$276,478	Q3.S.A	University of Pittsburgh
4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$759,778	Q3.S.A	University of California, San Francisco
5-hydroxymethylcytosine-mediated epigenetic regulation in autism	\$200,000	Q3.S.J	Emory University
5-Hydroxymethylcytosine-mediated epigenetic regulation in autism spectrum disorders	\$60,000	Q3.S.J	Emory University
ACE Network: Autism Genetics, Phase II: Increasing representation of human diversity	\$3,005,916	Q3.S.D	University of California, Los Angeles
ACE Network: Autism Genetics, Phase II: Increasing representation of human diversity	\$162,535	Q3.S.D	University of California, Los Angeles
ACE Network: Multigenerational Familial and Environmental Risk for Autism (MINERvA) Network	\$948,404	Q3.L.D	Mount Sinai School of Medicine
A genome-wide search for autism genes in the SSC Emory	\$0	Q3.L.B	Emory University
A genome-wide search for autism genes in the SSC UCLA	\$0	Q3.L.B	University of California, Los Angeles
A genome-wide search for autism genes in the SSC Vanderbilt	\$0	Q3.L.B	Vanderbilt University Medical Center
A history of behavioral genetics	\$0	Q3.Other	University of Pittsburgh
Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study	\$150,000	Q3.S.C	Kaiser Permanente
An exploration of genetic and behavioral variables in Autism Spectrum Disorder	\$30,800	Q3.S.A	Center for Autism and Related Disorders (CARD)
Assisted reproductive technologies and increased autism risk	\$192,000	Q3.L.C	Columbia University
Autism, GI symptoms and the enteric microbiota	\$350,814	Q3.S.I	The Research Foundation of the State University of New York at Stony Brook
Autism genetics: Homozygosity mapping and functional validation	\$735,107	Q3.S.A	Boston Children's Hospital
Autism genetics: Homozygosity mapping and functional validation	\$150,000	Q3.L.B	Boston Children's Hospital
Autism Genome Project (AGP)	\$0	Q3.L.B	Autism Speaks (AS)

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Autism Genome Project (AGP): Genome sequencing and analysis supplement	\$0	Q3.L.B	The Hospital for Sick Children
Autism Genome Project Consortium data reanalysis using computational biostatistics	\$0	Q3.L.B	The Rockefeller University
Autism risk, prenatal environmental exposures, and pathophysiologic markers	\$1,759,913	Q3.S.C	University of California, Davis
Cell specific genomic imprinting during cortical development and in mouse models	\$308,216	Q3.S.J	Harvard University
Cellular and Synaptic Dissection of the Neuronal Circuits of Social and Autistic Behavior	\$0	Q3.S.K	University of Coimbra
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$1,050,000	Q3.L.D	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	\$1,050,000	Q3.L.D	Colorado Department of Health and Environment
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$868,500	Q3.L.D	Michigan State University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	\$985,604	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,000,000	Q3.L.D	Johns Hopkins University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$1,050,000	Q3.L.D	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$1,050,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	\$0	Q3.L.D	Johns Hopkins University
Complex genetic architecture of chromosomal aberrations in autism	\$92,917	Q3.L.B	Massachusetts General Hospital
Conservation of imprinting for autism-linked genes in the brain	\$60,000	Q3.S.J	University of Utah
Cryptic chromosomal aberrations contributing to autism	\$135,649	Q3.L.B	Massachusetts General Hospital
Defining the underlying biology of gastrointestinal dysfunction in autism	\$0	Q3.S.I	University of California, Davis
Developing new statistical methods to detect variants involved in complex disease	\$434,485	Q3.L.B	National Institutes of Health
Dissecting expression regulation of an autism GWAS hit	\$15,000	Q3.L.B	University of California, San Francisco
Early autism risk longitudinal investigation (EARLI) network	\$411,571	Q3.L.A	Drexel University
Early life environmental exposures and autism in an existing Swedish birth cohort	\$0	Q3.S.H	Drexel University

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Elevated urinary P-cresol in small autistic children: Origin and consequences	\$0	Q3.S.I	Universita Campus Bio-Medico di Roma
Environment, the perinatal epigenome, and risk for autism and related disorders	\$1,400,550	Q3.S.J	Johns Hopkins University
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	\$0	Q3.S.B	University of Texas Health Science Center at San Antonio
Environmental exposure unveils mitochondrial dysfunction in autism	\$60,000	Q3.S.E	University of California, Davis
Epidemiological research on autism in Jamaica - Phase II	\$607,366	Q3.S.H	University of Texas Health Science Center at Houston
Epigenetic and transcriptional dysregulation in autism spectrum disorder	\$748,775	Q3.S.J	University of California, Los Angeles
Epigenetic DNA modifications in autistic spectrum disorders	\$163,813	Q3.S.J	Johns Hopkins University School of Medicine
Evaluating epidemiological and biostatistical challenges in the EARLI investigation	\$0	Q3.L.A	Drexel University
Evaluating the Functional Impact of Epigenetic Control Related Genes Mutated in both Schizophrenia and Autism	\$0	Q3.S.J	Columbia University
Examining the Y-chromosome in autism spectrum disorder	\$0	Q3.L.B	The Hospital for Sick Children
Exploring interactions between folate and environmental risk factors for autism	\$153,615	Q3.S.J	University of California, Davis
Finding recessive genes for autism spectrum disorders	\$175,000	Q3.L.B	Boston Children's Hospital
FOXP2-regulated signaling pathways critical for higher cognitive functions	\$291,826	Q3.Other	University of Texas Southwestern Medical Center
Gene-environment interactions in an autism birth cohort	\$6,537,537	Q3.L.D	Columbia University
Genetic and environmental interactions leading to autism-like symptoms	\$0	Q3.S.K	The Rockefeller University
Genetic basis of autism	\$4,000,571	Q3.L.B	Cold Spring Harbor Laboratory
Genetic basis of phenotypic variability in 16p11.2 deletion or duplication	\$0	Q3.L.B	University of Washington
Genetic epidemiology of complex traits	\$589,154	Q3.L.B	National Institutes of Health
Genome-wide analyses of DNA methylation in autism	\$0	Q3.S.J	Mount Sinai School of Medicine
Genome-wide analysis of cis-regulatory elements in autism	\$62,500	Q3.L.B	Washington University in St. Louis
Genome-wide examination of DNA methylation in autism	\$149,999	Q3.S.J	Johns Hopkins University
Genome-wide expression profiling data analysis to study autism genetic models	\$0	Q3.S.A	University of California, Los Angeles
Genomic hotspots of autism	\$0	Q3.L.B	University of Washington

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Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$149,882	Q3.S.A	University of Alberta
Genomic influences on development and outcomes in infants at risk for autism	\$681,108	Q3.L.B	University of Alberta
Genomic influences on development and outcomes in Infants at risk of ASD	\$337,779	Q3.S.A	University of Alberta
Genomic profiling of autism families using whole-genome sequencing	\$174,960	Q3.L.B	Institut Pasteur
Gestational exposure questionnaire validation and feasibility study	\$20,262	Q3.S.H	University of California, Davis
Gestational metabolic conditions and autism	\$77,000	Q3.S.H	University of California, Davis
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$587,398	Q3.S.J	Baylor College of Medicine
Hypocholesterolemic autism spectrum disorder	\$45,647	Q3.L.B	National Institutes of Health
Identification of functional networks perturbed in autism	\$60,000	Q3.L.B	Columbia University
Identifying genetic variants on the Y chromosome of males with autism	\$53,430	Q3.L.B	The Hospital for Sick Children
Illumina, Inc.	\$556,250	Q3.L.B	Illumina, Inc.
Integrative genetic analysis of autism brain tissue	\$0	Q3.L.B	Johns Hopkins University School of Medicine
In utero antidepressant exposures and risk for autism	\$343,560	Q3.S.H	Massachusetts General Hospital
Investigating the gut microbiome for novel therapies and diagnostics for autism	\$558,136	Q3.S.I	California Institute of Technology
Investigation of DUF1220 domains in human brain function and disease	\$361,544	Q3.L.B	University of Colorado Denver
Investigation of Transgenerational Neurodevelopmental Impacts of Gestational Pharmaceuticals	\$100,000	Q3.S.H	Institute of Preventive Medicine at Frederiksberg Hospital
In vivo function of neuronal activity-induced MeCP2 phosphorylation	\$277,792	Q3.S.J	University of Wisconsin - Madison
Maternal autoreactivity and autoimmune disease in autism	\$0	Q3.S.E	The Feinstein Institute for Medical Research
Mechanisms of valproic acid-induced neurodevelopmental and behavioral defects	\$302,269	Q3.S.J	University of Maryland, Baltimore
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	\$338,560	Q3.S.J	University of California, Davis
Mitochondria and the etiology of autism	\$350,000	Q3.L.B	The Children's Hospital of Philadelphia
Modeling gut microbial ecology and metabolism in autism using an innovative ex vivo approach	\$0	Q3.S.I	University of Guelph
Modeling Gut Microbial Ecology and Metabolism in Autism Using an Innovative Ex Vivo Approach	\$22,441	Q3.S.I	University of Guelph

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Molecular Characterization of Autism Gene CHD8 in Shaping the Brain Epigenome	\$35,000	Q3.L.B	Boston Children's Hospital
Mutations in heterochromatin-related genes in autism	\$0	Q3.S.J	Hebrew University of Jerusalem
Mutations in noncoding DNA and the missing heritability of autism	\$124,987	Q3.L.B	University of California, San Diego
Neonatal biomarkers in extremely preterm babies predict childhood brain disorders	\$3,655,744	Q3.S.H	Boston Medical Center
Next generation gene discovery in familial autism	\$644,126	Q3.L.B	University of Washington
Non-coding RNAs in autism	\$246,000	Q3.Other	University of Southern California
Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders	\$0	Q3.S.E	Sanford Burnham Medical Research Center
Novel statistical methods for DNA sequencing data, and applications to autism	\$314,312	Q3.L.B	Columbia University
Parental age and schizophrenia susceptibility	\$308,000	Q3.L.D	University of California, Los Angeles
Parental Exposures to Occupational Asthmagens and Risk of Autism Spectrum Disorders	\$29,500	Q3.S.H	Johns Hopkins University
Paternal age and epigenetic mechanisms in psychiatric disease	\$15,000	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$149,737	Q3.S.C	University of Southern California
PLACENTAL IDENTIFICATION AND IMMUNE QUANTIFICATION OF ACUTE AND/OR CHRONIC INFLAMMATION IN CHILDREN DIAGNOSED WITH PLACENTAL AUTISM IN UNIVERSITY AND COMMUNITY HOSPITALS	\$148,000	Q3.L.C	Institute for Basic Research in Developmental Disabilities
Population-based autism genetics & environment study	\$600,532	Q3.L.D	Mount Sinai School of Medicine
Prenatal and neonatal biologic markers for autism	\$725,197	Q3.S.C	Kaiser Foundation Research Institute
Prenatal Androgen in Meconium and Early Autism Spectrum Disorder Related Neurodevelopmental Outcomes	\$29,423	Q3.S.H	Drexel University
Prenatal antidepressants and autism spectrum disorder	\$0	Q3.L.C	Cincinnati Children's Hospital Medical Center
Prenatal folic acid and risk for autism spectrum disorders	\$124,870	Q3.S.H	Emory University School of Medicine
Prenatal PBDE exposure and ASD-related developmental outcomes in the EARLI cohort	\$150,000	Q3.L.C	Drexel University
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	\$149,999	Q3.S.E	Kaiser Foundation Research Institute
Project 1: Epidemiology and the environment in autism (Hertz-Picciotto)	\$158,613	Q3.L.D	University of California, Davis
Project 2: Perinatal epigenetic signature of environmental exposure	\$105,416	Q3.S.J	University of California, Davis

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PROTEOMIC MAPPING OF THE IMMUNE RESPONSE TO GLUTEN IN CHILDREN WITH AUTISM	\$67,041	Q3.S.E	Columbia University New York Morningside
Rapid phenotyping for rare variant discovery in autism	\$661,281	Q3.S.A	University of California, Los Angeles
Regressive autism as an infectious disease: Role of the home as an environmental factor	\$0	Q3.S.I	VA Medical Center, Los Angeles
Regulation of gene expression through complex containing AUTS2	\$100,854	Q3.S.J	New York University School of Medicine
Research project about a potential infectious origin of autism	\$0	Q3.S.E	Institut de Recherche Luc Montagnier
Risk factors, comorbid conditions, and epidemiology of autism in children	\$0	Q3.S.H	Henry M. Jackson Foundation
Role of Intestinal Microbiome in Children with Autism	\$29,000	Q3.S.I	Massachusetts General Hospital
Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan	\$29,995	Q3.L.B	Massachusetts General Hospital and Harvard University
Sequencing Female-enriched Multiplex Autism Families (FEMFs)	\$0	Q3.L.B	Johns Hopkins University School of Medicine
Simons Simplex Collection support grant	\$24,484	Q3.L.B	University of Washington
Simons Simplex Collection support grant	\$23,645	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection support grant	\$25,735	Q3.L.B	Vanderbilt University Medical Center
Simons Simplex Collection support grant	\$23,171	Q3.L.B	Boston Children's Hospital
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	\$26,824	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection support grant	\$20,991	Q3.L.B	Weill Cornell Medical College
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of Missouri
Simons Simplex Collection support grant	\$25,704	Q3.L.B	Yale University
Simons Simplex Collection support grant	\$21,675	Q3.L.B	Columbia University
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Emory University
Simons Simplex Collection support grant	\$21,268	Q3.L.B	McGill University Health Centre- Montreal Children's Hospital
Sporadic mutations and autism spectrum disorders	\$713,231	Q3.S.A	University of Washington
The CHARGE study: childhood autism risks from genetics and the environment	\$1,151,250	Q3.S.C	University of California, Davis
The role of germline mutation and parental age in autism spectrum disorders	\$743,939	Q3.S.C	University of California, San Diego
The role of serotonin in social bonding in animal models	\$0	Q3.S.K	University of California, Davis
The roles of environmental risks and GEX in increasing ASD prevalence	\$532,325	Q3.L.D	Yale University

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The UC Davis Center for Children's Environmental Health and Disease Prevention	\$1,660,178	Q3.L.D	University of California - Davis
To Study Maternal Anti-GAD Antibodies in Autism	\$5,260	Q3.S.E	Hartwick College
UC Davis Center for Children's Environmental Health (CCEH) Bridge	\$0	Q3.S.F	University of California, Davis
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$149,986	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Whole exome sequencing of Simons Simplex Collection quads	\$1,495,957	Q3.L.B	University of Washington
Whole exome sequencing of Simons Simplex Collection quads	\$536,779	Q3.L.B	Yale University
Whole-exome sequencing to identify causative genes for autism	\$175,000	Q3.L.B	Rockefeller University

